Lab on Collections

- Use the following classes from previous lab (Product, Book, Software, ProductDB, Tagable, Validator).
  - It is recommended to make a new copy including package/directory structure.
- Create the following new classes:
  - main.invoice.ProductOrder implements Comparable
  - main.invoice.Invoice
  - main.InvoiceApp
- Here are details of each class:
  - ProductOrder:
    - Contains product, quantity, total and orderObjectCount (Static member)
    - Constructor with product code and quantity; Calculate total in constructor.
    - compareTo() on total; toString();
  - Invoice:
    - Contains invoiceNumber(can be a string), date, list of product orders, and total
    - Consturctor with invoice number and list; calculate total within.
    - toString()
  - InvoiceApp:
    - Has main() method.
    - Take input from the user (product code and quantity).
    - Stop taking input if user inputs '**done**'.
    - Create an Invoice, sort the orders and print out invoice.